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WHAT IS CLAIMED IS:

- 1. A method of delivering an agent to cells, the method comprising
- 2 administering the agent to the cells in a composition comprising a delivery enhancing
- 3 compound of Formula I:

wherein:

m and n are the same or different and each is an integer from 2-8; R is a cationic group or

 X_1 is a cholic acid group or deoxycholic acid group; and X_2 and X_3 are each independently selected from the group consisting of a cholic acid group, a deoxycholic acid group, and a saccharide group;

wherein at least one of X2 and X3 is a saccharide group when R is

- 1 2. The method of claim 1, wherein the amount of the agent delivered to the
- 2 cells in the presence of the delivery enhancing agent is increased relative to the amount of
- 3 the agent delivered to the cells when the agent is administered in the absence of the delivery
- 4 enhancing compound.
 - 3. The method of claim 1, wherein the agent is a therapeutic agent.
- 1 4. The method of claim 1, wherein the concentration of the delivery
- 2 enhancing compound is about 0.002 to about 2 mg/ml.

The method of claim 11, wherein the gene is a therapeutic gene.

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1	-	18.	The method of claim 17, wherein the therapeutic gene is a tumor		
2	suppressor gene	e.			
1	:	19.	The method of claim 18, wherein the tumor suppressor gene is p53.		
1	2	20.	The method of claim 18, wherein the tumor suppressor gene is a		
2	retinoblasto ma gen e.				
ļa i					
	2	21.	The method of claim 20, wherein the retinoblastoma tumor suppressor		
2	gene encodes fi	ull le	ngth RB protein.		
	′				
9 1		22.	The method of claim 20, wherein the retinoblastoma tumor suppressor		
2	gene encodes p56 ^{RB} .				
lai Jai					
[1	2	23.	The method of claim 17, wherein the cells are cancer cells.		
	•	24.	The method of claim 23, wherein the cancer cells are bladder cancer		
2	cells.		,		
_					
1		25.	The method of claim 23, wherein the cancer cells are provided as a		
2	tissue.		·		
1	:	26.	The method of claim 1, wherein the delivery-enhancing compound is		
2	administered pr	rior t	o administration of the agent.		
			•		
1		27.	The method of claim 1, wherein the delivery enhancing compound is		
2	administered w	rith tl	ne agent.		
1		28.	A composition for delivering an agent to cells, the composition		
2					
_	comprising the agent and a delivery enhancing compound of Formula I:				

3 wherein:

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m and n are the same or different and each is an integer from 2-8; R is a cationic group or

 X_1 is a cholic acid group or deoxycholic acid group; and X_2 and X_3 are each independently selected from the group consisting of a cholic acid group, a deoxycholic acid group, and a saccharide group;

wherein at least one of X2 and X3 is a saccharide group when R is

- 29. The composition according to claim 28, wherein the saccharide group comprises one or more pentose or hexose residues.
- 1 30. The composition according to claim 29, wherein the saccharide group is 2 selected from the group consisting of pentose monosaccharide groups, hexose
- 3 monosaccharide groups, pentose-pentose disaccharide groups, hexose-hexose disaccharide
- 4 groups, pentose-hexose disaccharide groups, and hexose-pentose disaccharide groups.
- 1 31. The composition according to claim 28, wherein the saccharide group is 2 a trisaccharide.
- 1 32. The composition according to claim 28, wherein the concentration of the delivery enhancing compound is about 0.002 to about 2 mg/ml.

1	33. The composition according to claim 32, wherein the concentration of				
2	the delivery enhancing compound is about 0.2 to 2 mg/ml.				
1	34. The composition according to claim 28, wherein the agent modulates a				
2	biological process in a cell when the agent is present in the cell.				
1	The composition according to claim 34, wherein the biological process				
2	is selected from the group consisting of cell growth, differentiation, proliferation, a				
3	3 metabolic or biosynthetic pathway, gene expression, a disease-associated process, and				
A A A MAN MAN AND SINCE STATE	immune response.				
6 1	36. The composition according to claim 28, wherein the agent comprises a				
u ₂	polynucleotide.				
	37. The composition according to claim 36, wherein the polynucleotide is				
12	selected from the group consisting of an antisense nucleic acid, a triplex-forming nucleic				
1 2 2 3	acid, and a nucleic acid that comprises a gene which encodes a polypeptide.				
1	38. The composition according to claim 37, wherein the gene is a tumor				
2	suppressor gene.				
1	39. The composition according to claim 37, wherein the tumor suppressor				
2	gene is selected from the group consisting of a retinoblastoma gene and a p53 gene.				
1	40. The composition according to claim 28, wherein the composition further				
2	comprises a polymeric matrix.				
1	41. The composition according to claim 28, wherein the composition further				
2	comprises a mucoadhesive.				
1	42. A delivery enhancing compound having a Formula I:				

2 wherein:

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16 16 m m m 16 m m

M

m and n are the same or different and each is an integer from 2-8; R is a cationic group or

 X_1 is a cholic acid group or deoxycholic acid group; and X_2 and X_3 are each independently selected from the group consisting of a cholic acid group, a deoxycholic acid group, and a saccharide group;

wherein at least one of X2 and X3 is a saccharide group when R is

- 1 43. The compound of claim 42, wherein R is a cationic group selected from 2 the group consisting of NMe₃⁺ and NH₃⁺.
- 1 44. The compound of claim 42, wherein the saccharide group comprises 2 one or more pentose or hexose residues.
- 1 45. The compound of claim 44, wherein the saccharide group is selected 2 from the group consisting of pentose monosaccharide groups, hexose monosaccharide 3 groups, pentose-pentose disaccharide groups, hexose-hexose disaccharide groups, pentose-4 hexose disaccharide groups, and hexose-pentose disaccharide groups.
- 1 46. The compound of claim 42, wherein the saccharide group comprises 2 between three and about eight monosaccharide residues.

1	47. T	he compound of claim 46, wherein the saccharide group is a
2	trisaccharide.	
1	49 T	ha annuan da Calaina (O mala mala at la mala a CAZ a LAZ d
1		he compound of claim 42, wherein at least one of X_2 and X_3 is a
2	saccharide group.	
1	49. Ti	he compound of claim 42, wherein m and n are each independently 2.
2	or 3.	
ļai m		
	. 50. Ti	he compound of claim 42, wherein both X ₁ and X ₂ are both cholic acid
	•	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	groups and X ₃ is a sace	chande group.
gi		
	51. Ti	he compound of claim 42, wherein the saccharide group is a hexose-
2	hexose disaccharide gr	oup.
ia!		
[] []	52. Tl	he compound of claim 42, wherein m and n are each 3, X_1 and X_2 are
1 2		s, and X_3 is a hexose monosaccharide group.
in in	3 • •	, <u>B</u>
1	53. TI	the compound of claim 42, wherein m and n are each 3, X_1 and X_3 are
2		
2	both choire acid groups	s, and X_2 is a hexose monosaccharide group.
	e.4 m	
1	54. Tl	he compound of claim 42, wherein m and n are each 3, X_1 and X_2 are
2	both cholic acid groups	s, and X_3 is a hexose-hexose disaccharide group.
		•
1	55. Ti	ne compound of claim 42, wherein m and n are each 3, X ₁ and X ₃ are
2	both cholic acid groups	s, and X_2 is a hexose-hexose disaccharide group.
		~ · ·
1	56. Tl	ne compound according to claim 42, wherein the compound has a
2	Formula III:	i
	~ ~	

57. The compound according to claim 42, wherein the compound has a Formula IV:

- 58. The compound according to claim 42, wherein the compound has a
- 2 Formula V:

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59. A delivery enhancing compound of Formula II:

$$X_1 - C - N - (CH_2)_3 - N - (CH_2)_3 - N - X_3$$
 $C = C$
 X_2

II

- 2 wherein X₁ and X₂ are selected from the group consisting of a cholic
- 3 acid group and a deoxycholic acid group and X₃ is a saccharide group.
- 1 60. The compound according to claim 59, wherein both X_1 and X_2 are
- 2 cholic acid groups and X₃ is a glucose group.